

AMENDMENTS TO THE CLAIMS

1. (currently amended) Power generator unit ~~composed of comprising:~~
a synchronous generator and a piston internal combustion engine as ~~the~~ a drive,
~~particularly a synchronous generator and a diesel engine, with said generator having a rotor and a~~
~~stator,~~
~~said rotor provided with a pair of pole regions having permanent magnets arranged in the~~
~~pole regions rotor of the generator, in the area of the poles, for its the excitation of the generator,~~
and
a rotor winding (28) in the stator, ~~characterized in that~~
~~wherein~~ holder pockets (34) that are open in the axial direction at least on one side are
formed in the pole regions of the rotor (29), in the axial direction, ~~which said holder pockets~~
~~bordering border on the an~~ air gap (33) formed with the stator (11) with a cylindrical
circumference wall (50), and
~~wherein~~ the permanent magnets of the pole regions are each formed by a plurality of
magnet elements (35), which are arranged next to one another within the holder pockets (34) in
the ~~circumference~~ circumferential direction.
2. (currently amended) Power generator unit according to Claim 1, ~~characterized in that~~
~~wherein~~ the magnet elements (35) are arranged in the holder pockets (34) in the axial direction,
in at least two rows behind one another.
3. (currently amended) Power generator unit according to Claim 1, ~~characterized in that~~
~~wherein~~ the rotor (29) is structured as an external rotor.
4. (currently amended) Power generator unit according to Claim 1, ~~characterized in that~~
~~wherein~~ the holder pockets (34) are ~~structured to be~~ continuous in the axial direction and open,
and ~~that the~~ a thickness of the circumference wall corresponds to about half ~~the~~ a radial thickness
of the magnet elements (35).

5. (currently amended) Power generator unit according to ~~Claim 4~~ Claim 1, characterized in ~~that wherein~~ the holder pockets (34) are extended on both sides beyond the last arranged magnet element (35) in each instance, ~~forming to form~~ a cavity (48).

6. (currently amended) Power generator unit according to Claim 5, characterized in that ~~wherein~~ the circumference wall (50) continues in the region of the cavity (48), where a thickness of the circumference wall ~~thickness~~ is sized in such a way, ~~taking the dimensions of the cavity (48) into consideration, so~~ that no dc-magnetization of the magnet elements (35) close to the edge will occur as the result of a surge short-circuit.

7. (currently amended) Power generator unit according to Claim 1, characterized in that ~~wherein~~ the holder pockets (34) border on the an intermediate pole segment (52) of the rotor (29) with a radial bridge (51).

8. (currently amended) Power generator unit according to Claim 1, characterized in that ~~the~~ wherein radial inside surfaces of the holder pockets (34) are polygonal ~~structured in polygon shape~~, corresponding to the shape of the magnet elements (35).

9. (currently amended) Power generator unit according to Claim 1, characterized in that ~~wherein~~ at least on the an inside surface of the holder pockets (34) that lies opposite the circumference wall (50), axial ribs (53) are provided to define the distances between adjacent magnet elements (35).

10. (canceled)

11. (currently amended) Power generator unit according to Claim 1, characterized in that ~~wherein~~ the magnet elements (35) are adhesively attached to the an inside surface of the holder pockets (34) ~~by gluing them on~~.

12. (currently amended) Power generator unit according to Claim 1, ~~characterized in that~~ wherein the holder pockets (34) are covered with a lid at their axially opposite faces.

13. (currently amended) Power generator unit according to Claim 1, ~~characterized in that~~ wherein the holder pockets (34) are subdivided into individual drawers that approximately correspond to the cross-section of a magnet element (35), in each instance, by means of axial partitions ~~that run axially~~.

14. (currently amended) Power generator unit according to Claim 1, ~~characterized in that~~ wherein the magnet elements (35) are rectangular in cross-section.

15. (currently amended) Power generator unit according to Claim 1, ~~characterized in that~~ wherein the magnet elements (35) are ~~structured as~~ ring segments in cross-section.

16.-17. (canceled)

18. (new) Power generator unit according to Claim 1, wherein the stator is positioned inside the rotor.